metabo®

metabo Inox

STAINLESS STEEL FINISHING

FASTEST TO THE FINISH

metabo®
work. don't play.

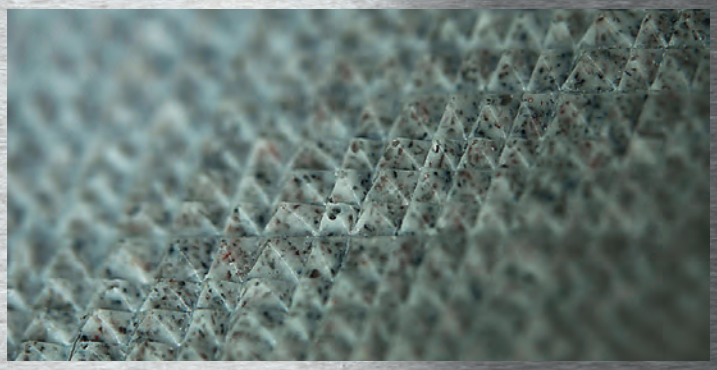
METABO STAINLESS STEEL FINISHING SYSTEMS ...FASTEST TO THE FINISH.

Metabo tools have a reputation for outstanding quality, high performance and longevity. These qualities are apparent in our new tools designed to speed the finishing of all metals, particularly stainless steels.

Time is money. Job by job, time saved is profit gained. Metabo tools are engineered just for that reason; to give the greatest return on your investment.

A perfect match. Metabo INOX tools with VTC Electronic Speed Stabilization and Metabo Pyramid Abrasives. Finer finishes faster! The VTC electronics maintain the speed of the tools, even when fully engaged in the work, so your job is completed in the shortest time. Metabo Pyramid Abrasives shorten the time required to get to the final finish. The structured geometric placement of the abrasives allow finer grit sizes to remove more material while giving a consistent finish, eliminating steps required to get to the required finish.

The result: Perfect finishes, time saved, increased profits.



3-dimensional structure of the grinding media of our "Pyramid" sanding belts.

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Angle Grinder
WE14-125 Inox Plus

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SE12-115

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RBE12-180

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KNSE12-150

Band File
BFE9-90

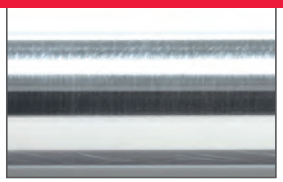
Polisher
PE12-175

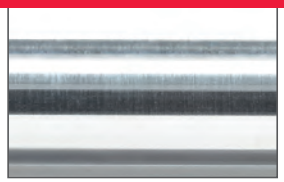
Die Grinders
GE900 Plus
GE700

metabo
Inox

PIPE AND TUBE

TUBE WITH SCRATCHES → SATIN-FINISH





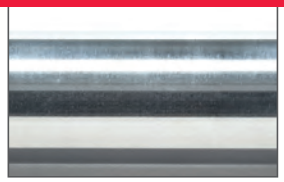
RBE12-180

PIPE / TUBE SANDER FINISHER

Accessories

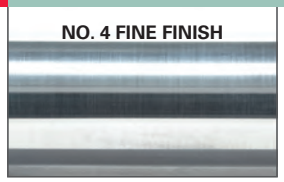
Non-woven Belt medium 626320000

WELD SEAM ON TUBES → SATIN-FINISH



NO. 4 FINISH

NO. 4 FINE FINISH



Accessories

Sanding belt ceramic P80 626309000

Accessories

Sanding belt zirconia grain P120 626310000

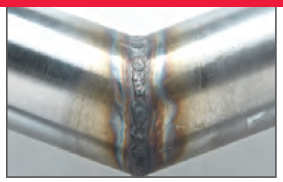
Accessories

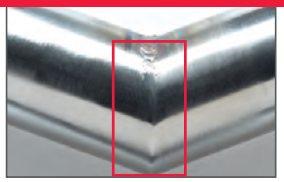
Non-woven band medium 626320000

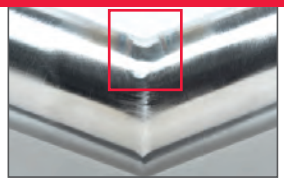
Accessories

Pyramid P400/A45 626313000 (use close to full speed)

TUBES WELDED TO MITRE → SATIN-FINISH







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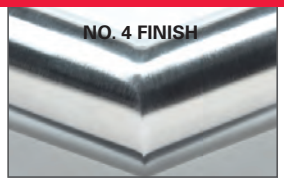


WE14-125 Inox Plus

5" HIGH TORQUE ANGLE GRINDER

Accessories

Combi flap disc (KLS) medium 626370000 (set speed ≈ 3,000 rpm)

For external weld removal.

Accessories

VKS disc medium 626402000 (speed setting ≈ 4)

For internal weld removal.

RBE12-180

Accessories

Non-woven belt medium 626320000

For finishing.

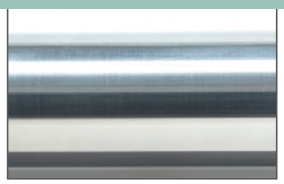
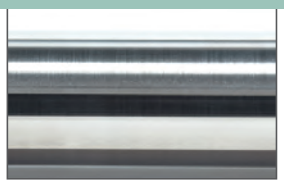
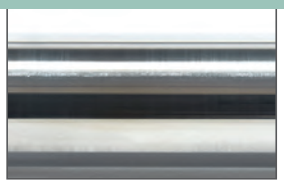
Accessories

Pyramid P400/A45 626313000 (use close to full speed)

For fine finishing.

FINISHING GUIDE

POLISHING TO MIRROR FINISH

Accessories

Pyramid P600/A30
626314000
(use close to full speed)

Accessories

Pyramid P1200/A16
626315000
(use close to full speed)

Accessories

Pyramid P2000/A6
626316000
(use close to full speed)

Accessories

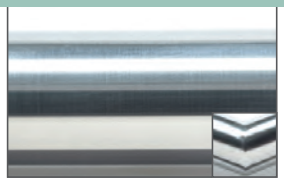
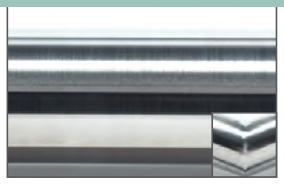
Felt band
soft 626323000

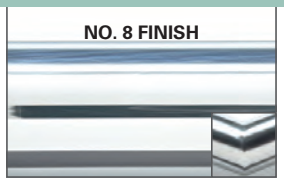
Polishing paste
white 623520000

Felt band
soft 626323000

Polishing paste
blue 623524000

POLISHING TO MIRROR FINISH



Accessories

Pyramid P60/A30
626314000
(use close to full speed)

Accessories

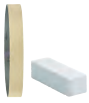
Pyramid P1200/A16
626315000
(use close to full speed)

Accessories

Pyramid P2000/A6
626316000
(use close to full speed)

KNSE12-150

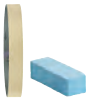
Accessories



Felt band
(soft 626323000)
Polishing paste
(white 623520000)
VKS disc
(fine 626395000)

RBE12-180

Accessories

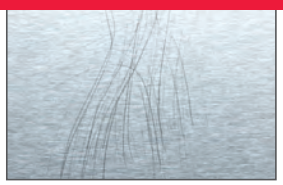
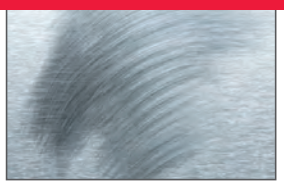
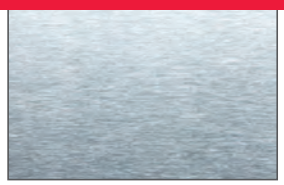


Felt band
soft
626323000

Polishing paste
blue
623524000

FLAT SURFACE

SURFACES WITH SLIGHT SCRATCHES → SATIN-FINISH

WE14-125 Inox Plus

5" HIGH TORQUE ANGLE GRINDER

Accessories

Pyramid P600/A30
626374000
(use close to full speed)

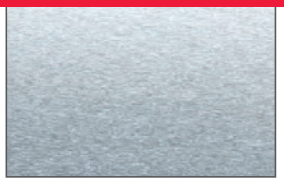
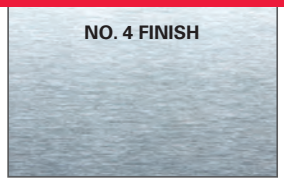
SE 12-115

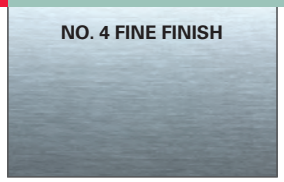
Accessories

Rubberized abrasive wheel
P180 623499000

Non-woven abrasive
P180
623488000

WELDED SEAMS ON WIDE SURFACES → SATIN-FINISH



SE 12-115

4" BURNISHER

Accessories

Expansion roller
623470000
Sanding belts

4" x 4"
P80
6234740000

Accessories

Rubberized abrasive wheel
P180
623499000

Accessories

Non-woven/ abrasive wheel
P180
623488000

Accessories

Pyramid P400/A45
626407000
(use close to full speed)

ANGLES WELDED TO A MITRE AND NARROW SURFACES → SATIN-FINISH

WE14-125 Inox Plus

Accessories

Combi flap disc (KLS)
medium
626370000
(set speed ≈ 3,000 rpm)

SE 12-115

Accessories

Inox adhesive tape
626376000

Non-woven abrasive wheel
P80
623487000

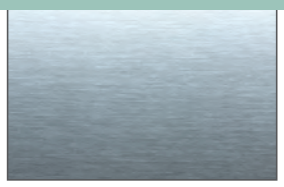
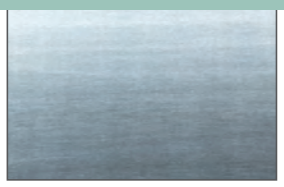
WE14-125 Inox Plus

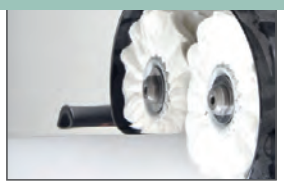
Accessories

Pyramid
P280/A65
626372000
(use close to full speed)

FINISHING GUIDE

POLISHING TO MIRROR FINISH

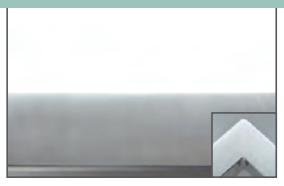
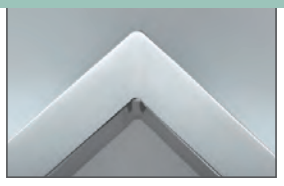





NO. 8 FINISH

+	+	+	**PE 12-175 COMPACT POLISHER**
Accessories	**Accessories**	**Accessories**	+
Pyramid P600/A30 626408000 (use close to full speed)	Pyramid P1200/A16 626409000 (use close to full speed)	Pyramid P2000/A6 626410000 (use close to full speed)	**Accessories**
			Cling-fit polishing hard felt 631242000
			Cling-fit polishing soft felt 624964000
			Polishing paste white 623520000
			Polishing paste blue 623524000

POLISHING TO MIRROR FINISH

NO. 8 FINISH

+	+	+	+
Accessories	**Accessories**	**Accessories**	**Accessories**
Pyramid P400/A45 626373000 (use close to full speed)	Pyramid P600/A30 626374000 (use close to full speed)	Non-woven disc (VKS) 626368000 (set speed ≈ 3,000-4,000 rpm)	Cling-fit polishing hard felt 631242000
			Cling-fit polishing soft felt 624964000
			Polishing paste white 623520000
			Polishing paste blue 623524000

Long Life Motor
Patented winding protection grid makes it extremely resistant to destructive grinding dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads.

"Quick" Tool-less wheel change system
Quick wheel change system allows for safe, tool-free wheel change.

High torque
Ideal for finishing tough metals, such as stainless steel.

Vario Tacho Constamatic (VTC) Full-wave Electronic Speed Control
Electronics for infinitely variable speed change. Speed remains constant under load.

metabo Inox

Angle Grinder For Stainless Steel / Tough Applications

WE14-125 INOX PLUS

Metabo is the world leader when it comes to angle grinders. The special Inox angle grinder has been specifically designed for use with tough materials like stainless steel. Metabo sets demanding quality standards: High torque to deal with tough metals and exactly the right speed range to increase productivity working with all materials.

FEATURES

- Powerful angle grinder with extra high cooling capacity for increased productivity even under the toughest operating conditions
- Robust, Long Life Motor
- Safety clutch: For protection against kick-back which can occur if the wheel jams
- Additional VibraTech (MVT) handle vibration damping for greater comfort and safety
- Quickly change the position of the guard without using tools. Easy operation increases operator safety
- Electronic soft start
- Power Interruption Protection: Prevents unintentional start of the tool

Specifications:	
Max. Wheel diameter	5"
Torque	37.2 in/lbs.
No-load speed (RPM)	2,000–7,000 /min
Rated input power	1400 W / 12.2A
Output power	800 W
Speed at rated load	7,000 /min
Spindle thread	5/8"-11
Tool weight	6.2 lbs.

Standard equipment:
Guard
Backing flange
Adjusting nut
"Quick" adjusting nut
VibraTech (MVT) handle

Order number 602131420

Special non-woven - VKS (with bore)

- Made from pressed fleece material on glass fiber supporting plate
- Reduces the number of working stages required. For cleaning and polishing surfaces, for smoothing weld seams
- For steel, stainless, alloy and high-alloy steels, colored and light metals, chrome and nickel steels, titanium, steels

Diameter inches	Grit	Pcs/Pkg	Order no.
5" x 7/8"	Very fine	1	626368000

Combi flap disc (KLS)

- Made from high-quality pink aluminum oxide fabric in combination with high-quality non-woven nylon abrasive
- For removal of rough material to fine polish in a single process. Very even grinding results with good material removal
- For processing weld seams on flat or rounded surfaces. For removing minor scratches and damage to the work piece
- Suitable for grinding, cleaning and finishing work on stainless steel, steel, color and light metals, titanium alloys

Diameter inches	Grit	Pcs/Pkg	Order no.
5" x 7/8"	Coarse	1	626369000
5" x 7/8"	Medium	1	626370000

"Pyramid" cling-fit sanding discs

- 3-dimensional structure of the grinding media (pyramid-shaped)
- High volume output with very even and fine sanding results at the same time. Long service life. Faster progress when compared to traditional sanding media, due to the reduced number of working stages
- For removing scratches, mill skin on stainless steel. Preparation for polishing
- Suitable for use on all metals; especially for stainless steels, titanium, cobalt, nickel, chrome alloys

Diameter inches	Grit	Pcs/Pkg	Order no.
5"	P 120 (A 160)	5	626371000
5"	P 280 (A 65)	5	626372000
5"	P 400 (A 45)	5	626373000
5"	P 600 (A 30)	5	626374000

Special non-woven disc - VKS (hook and loop)

- Made of compacted fleece material hook and loop backing
- Reduces the number of working stages required. For cleaning and polishing surfaces, for smoothing weld seams
- For steel, stainless, alloy and high-alloy steels, color and light metals, chrome and nickel steels, titanium, steels

Diameter inches	Grit	Pcs/Pkg	Order no.
5"	Very fine	1	626375000

Cling-fit abrasive non-woven nylon

- Non-woven nylon abrasive disc
- Suitable for use throughout the metal industry
- For grinding, cleaning and finishing jobs
- For the removal of scratches, tarnish and oxide layers
- For preparing and polishing weld seams

Diameter inches	Grit	Pcs/Pkg	Order no.
5"	Medium / P 100	1	631238000
5"	Fine / P 280	1	631239000

	Order no.
Stainless steel adhesive tape	
• Sacrificial self-adhesive tape. Use to maintain grain pattern on joints	626376000
Spray for stainless steel care	
• Removes grease and helps prevent fingerprints • Contents 400 ml	626377000
Cling-fit backing pad	
• 5" x 5/8-11	623298000
Micro fiber cloth	
3 micro-fiber cloths • For cleaning and evenly distributing protective spray and polishes • For removing paste residue using talcum powder • Suitable for all metals and hard plastics	626398000

Long Life Motor
Special winding protection grid makes it extremely resistant to destructive grinding dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads.

Double gear reduction
Produces a high rate of material removal.

Vario Tacho Constamatic (VTC) Full-wave Electronic Speed Control
Electronics for infinitely variable speed change. Speed remains constant under load.

metabo Inox

Burnisher For Finishing Flat Surfaces

SE12-115

The Metabo burnishing machine is designed primarily for use on flat surfaces, but with the right accessories can also be used to work on pipes. It's designed for steel and stainless steel but is also flexible enough to use on wood and concrete. It's perfectly suited for heavy material removal or fine finishing and polishing. VTC speed stabilization electronics deliver the ideal speed to produce the desired finish in the least amount of time.

FEATURES

- Precise tool guidance by supporting roller
- Spindle lock for easy wheel change
- High cutting output due to double gear reduction
- Thumbwheel for preselection of speed
- Vario-Tacho-Constamatic (VTC) full-wave electronics for infinitely variable speed change. Speed remains constant under load
- Robust, Long Life Motor
- Overload protection by electronic monitoring of coil temperature. LED for impending overload
- Electronic soft start
- Power interruption protection: Prevents unintentional start of the tool

Specifications:	
Rated input power	1200 W / 10A
Output power	720 W
No-load speed (RPM)	900–2,800 /min
Spindle thread	5/8"-11
Abrasive wheel diameter (max)	4 1/2"
Abrasive wheel width (max)	4"
Tool weight	6.25 lbs.

Standard equipment:
Steel Carrying case
3 - P80 Zirconia Belts
1 - 4" x 4" P80 Flap Wheel
2 - 2"x4" P180 Interleaved Sanding Wheel
1- 4"x4" P280 Non-woven Wheel
1 - Expansion Roll
Spacer Set

Order number 602115620

THE BURNISHING MACHINE AND ACCESSORIES:

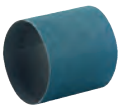
Order number 602115620

Expansion roller

- For using sanding belts and abrasive sleeves. The belts / abrasive sleeves are pushed over the roller and clamped securely by centrifugal force

Dimensions inches	Order no.
4" x 4"	623470000

Sanding belts



- Material: zirconia alumina
- Suitable for all metals and stainless steel
- For removing scratches and smoothing weld seams

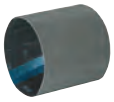
Dimensions inches	Grit	Pcs/Pkg	Order no.
4" x 4"	P 40	10	623512000
4" x 4"	P 60	10	623473000
4" x 4"	P 80	10	623474000
4" x 4"	P 120	10	623475000
4" x 4"	P 220	10	623476000

Nylon non-woven abrasive sleeves

- For removing scratches and oxide layers, tarnishing, graining, deburring and fine grinding

Dimensions inches	Version	Pcs/Pkg	Order no.
4" x 4"	Coarse	2	623519000
4" x 4"	Medium	2	623495000
4" x 4"	Fine	2	623496000

"Pyramid" sanding belts



- For all metal uses, suited for processing steel/stainless steel and aluminum
- 3-dimensional structure of the grinding media (pyramid-shaped). High removal of material with an even and fine grinding finish
- Quick progress; considerably reduces working stages compared to traditional grinding methods

Dimensions inches	Grit	Pcs/Pkg	Order no.
4" x 4"	P 120 (A 160)	5	626405000
4" x 4"	P 280 (A 65)	5	626406000
4" x 4"	P 400 (A 45)	5	626407000
4" x 4"	P 600 (A 30)	5	626408000
4" x 4"	P 1200 (A 16)	5	626409000
4" x 4"	P 2000 (A 6)	5	626410000

Flap wheels

- For removing rust, oxide layers, scratches
- For texturing and graining metal

Dimensions inches	Grit	Pcs/Pkg	Order no.
4" x 4"	P 40	1	623477000
4" x 4"	P 60	1	623513000
4" x 4"	P 80	1	623479000
4" x 4"	P 120	1	623480000
4" x 4"	P 180	1	623481000
4" x 4"	P 240	1	623482000

Interleaved wheels

- Pink aluminum oxide sanding flaps combined with grain-coated non-woven nylon
- For tarnishing, graining and removing scratches on metal

Dimensions inches	Grit	Pcs/Pkg	Order no.
4" x 4"	P 60	1	623483000
4" x 4"	P 80	1	623484000
4" x 4"	P 180	1	623485000
4" x 2"	P 60	1	623526000
4" x 2"	P 80	1	623527000
4" x 2"	P 180	1	623528000

Non-woven nylon abrasive wheels

- Elastic grain-coated nylon web for shadow-free tarnishing, graining and polishing of stainless steel and non-ferrous metals

Dimensions inches	Grit	Pcs/Pkg	Order no.
4" x 4"	P 60	1	623486000
4" x 4"	P 80	1	623487000
4" x 4"	P 180	1	623488000
4" x 4"	P 280	1	623514000
4" x 4"	P 400	1	623468000
4" x 4"	P 600	1	623469000
4" x 4"	P 900	1	623494000
4" x 2"	P 60	1	623515000
4" x 2"	P 80	1	623516000
4" x 2"	P 180	1	623517000
4" x 2"	P 280	1	623518000

Hard stripping wheel

- For cleaning and descaling weld seams
- Removing rust, oxide layers and paint
- Strong longitudinal grinding of stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order no.
4" x 4"	P 46	1	623525000

Rubberized abrasive wheels

- Rubberized silicone carbide abrasive grain coating
- For removing small scratches. For bright shining, decorative longitudinal grinding of stainless steel and non-ferrous metals

Dimensions inches	Grit	Pcs/Pkg	Order no.
4" x 4"	P 60	1	623510000
Ø 105 x 100	P 180	1	623499000

Order no.

Sisal polishing rings

- For pre-polishing steel and stainless steel in conjunction with the white polishing paste 623520000
- Size: 4" x 1/2"
- Type: impregnated
- Pcs/Pkg : 5

623507000

Nylon web polishing rings

- For pre-polishing non-ferrous steel in conjunction with the brown polishing paste 623522000
- Size: 4" x 3/8"
- Type: hard
- Pcs/Pkg: 8

623508000

- For high-gloss polishing of all metals in conjunction with the blue polishing paste 623524000
- Size: 4" x 3/8"
- Type: soft
- Pcs/Pkg: 8

623509000

Order no.

Polishing paste, white

- For pre-polishing and polishing steel and stainless steel in conjunction with sisal polishing rings, for example, 623507000

623520000

Polishing paste, brown

- For pre-polishing and polishing non-ferrous metals in conjunction with nylon web polishing rings, for example, 623508000

623522000

Polishing paste, blue

- For high-gloss polishing of all metals in conjunction with nylon web polishing rings e.g. 623509000

623524000

Steel-wire wheel brushes

- Ideal for removing rust, deburring and cleaning metal

Diameter inches	Width inches	Wire thickness	Order no.
4"	2-3/4"	.010 mm	623501000

Stainless steel-wire wheel brushes

- With stainless wire. For cleaning weld seams, deburring, removing rust, roughening

Diameter inches	Width inches	Wire thickness	Order no.
4"	2-3/4"	.008 mm	623503000

Plastic wheel brushes

- Elastic, grain-coated wheel brush for roughening and deburring metal

Diameter inches	Width inches	Order no.
4"	2-3/4"	623505000

3 spacer rings

- For width compensation when using grinding rollers, brushes, polishing rings

Order no.: 623511000

Sanding belt roll

- With corrugated surface for non-slip work with grinding belts, nylon web and felt band
- Size: 3-3/8" x 2-3/4"

Order no.: 623529000

Sanding belt driver

- Pink aluminum oxide
- For sanding/grinding, descaling, derusting and smoothing of pipe and tube
- Use in combination with the sanding belt roll 623529000
- Can be resealed with adhesive tape 623530000

Length inches	Width inches	Grit	Pcs/Pkg	Order no.
23-5/8"	1-3/16"	P 40	10	623532000
23-5/8"	1-3/16"	P 60	10	623533000
23-5/8"	1-3/16"	P 120	10	623534000
23-5/8"	1-3/16"	P 240	10	623535000

Adhesive tape

- For re-closing the sanding belts

Order no.: 623530000

Non-woven nylon web bands

- For fine grinding or polishing, also on "closed" pipe constructions
- Recloseable by "buttonhole closure"
- Use in combination with the sanding belt roll 623529000

Length inches	Width inches	Grit	Pcs/Pkg	Order no.
26"	1-3/16"	coarse (brown)	3	623536000
26"	1-3/16"	medium (maroon)	3	623537000
26"	1-3/16"	fine (blue)	3	623538000
26"	1-3/16"	super fine (grey)	3	623539000

Felt band

- For polishing work, also on "closed" pipe constructions
- Can be used on both sides
- Recloseable by "buttonhole closure"
- Use in combination with the sanding belt roll 623529000

Order no.: 623541000

Stainless steel adhesive tape

- Self-adhesive

Order no.: 626376000

Vario Tacho Constamatic (VTC) Full-wave Electronic Speed Control
Electronics for infinitely variable speed change. Speed remains constant under load.

Long Life Motor
Special winding protection grid makes it extremely resistant to destructive grinding dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads.

Double gear reduction
For high rate of material removal.

Exact guidance of the grinding belt
For even grinding results.

metabo
Inox

Pipe / Tube Sander

RBE12-180

With a 270° wrap angle this machine is particularly agile and powerful, ideally suited for finishing or repairing pipes and tubes. Special VTC electronics ensures you always get a smooth and consistent result, and the robust Long Life Motor with double gear reduction delivers the power to finish faster.

FEATURES

- For burnishing, finishing and reconditioning stainless steel, steel, non-ferrous metals, plastic and wood
- Maximum 270° wrap angle for efficient work
- Especially high cutting output due to double gear reduction
- Exact sanding belt guidance for even grinding results
- Tool-less sanding belt change
- Robust, Long Life Motor
- Vario-Tacho-Constamatic (VTC) full-wave electronics for infinitely variable speed change. Speed automatically remains constant under load
- Electronic soft start
- Power Interruption Protection: Prevents unintentional start of the tool

Specifications:	
Rated input power	1200 W / 10A
Output power	720 W
No-load belt speed	521-1,673 ft./min
Dimensions of grinding belt	1-1/2" x 30"
Max. pipe diameter	7"
Wrap angle (maximum)	270°
Tool weight	8.6 lbs.

Standard equipment:
10 zirconia alumina sanding belts P80
Handle
Steel carrying case

Order number 602132620

Aluminum oxide sanding belts

- Suitable for use throughout the metal industry
- Grinding material with sturdy cotton base
- Good cutting output with good tool life
- Even grinding results

Dimensions inches	Grit	Pcs/Pkg	Order no.
1-1/2" x 30"	P 120	10	626300000
1-1/2" x 30"	P 180	10	626301000
1-1/2" x 30"	P 240	10	626302000
1-1/2" x 30"	P 320	10	626303000
1-1/2" x 30"	P 400	10	626304000

Zirconia alumina sanding belts

- For all metal uses, particularly suited to the processing of stainless steel
- Grinding material with cotton backing
- Fast cutting with good life
- For rough finishing and deburring of steel and stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order no.
1-1/2" x 30"	P 60	10	626305000
1-1/2" x 30"	P 80	10	626306000
1-1/2" x 30"	P 120	10	626307000

Ceramic grain sanding belts

- For all metal uses, particularly suited to the processing of stainless steel
- Fast cutting with extremely long life thanks to the self-sharpening ceramic grain
- For rough finishing and deburring of steel and stainless steel

Dimensions inches	Grit	Pcs/Pkg	Order no.
1-1/2" x 30"	P 60	10	626308000
1-1/2" x 30"	P 80	10	626309000
1-1/2" x 30"	P 120	10	626310000

"Pyramid" sanding belts

- For all metal uses, particularly suited to the processing of stainless steel
- 3-dimensional structure of the grinding media (pyramid-shaped). High removal of material with, a very even and fine grinding result for the entire lifetime of the product
- Fastest finish; considerably reduces working time compared to traditional grinding methods

Dimensions inches	Grit	Pcs/Pkg	Order no.
1-1/2" x 30"	P 120 (A 160)	5	626311000
1-1/2" x 30"	P 280 (A 65)	5	626312000
1-1/2" x 30"	P 400 (A 45)	5	626313000
1-1/2" x 30"	P 600 (A 30)	5	626314000
1-1/2" x 30"	P 1200 (A 16)	5	626315000
1-1/2" x 30"	P 2000 (A6)	5	626316000

Non-woven nylon web belts

- For grinding, cleaning and finishing work For removing scratches, color runs and oxide layers
- For preparing, pre-grinding and polishing weld seams

Dimensions inches	Grit	Pcs/Pkg	Order no.
1-1/2" x 30"	Coarse	3	626319000
1-1/2" x 30"	Medium	3	626320000
1-1/2" x 30"	Very fine	3	626322000

Felt belt

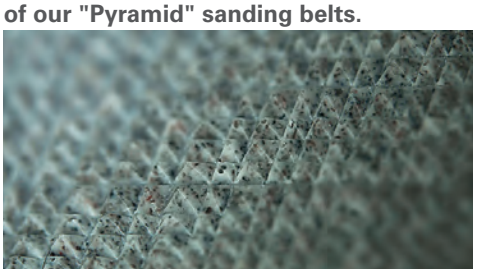
- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste

Dimensions inches	Grit	Pcs/Pkg	Order no.
1-1/2" x 30"	Soft	1	626323000

	Order no.
Polishing paste, white	
• For pre-polishing stainless steel	623520000
Polishing paste, blue	
• For final polishing of all metals.	623524000

	Order no.
Micro fiber cloth	
3 micro-fiber cloths • For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue • Suitable for all metals and hard plastics	626398000
Spray for stainless steel care	
• For cleaning and preserving • Contents 400 ml	626377000

3-dimensional structure of the grinding media of our "Pyramid" sanding belts.



Double gear reduction
For high rate of material removal.

Low profile design

Vario Tacho Constamatic (VTC) Full-wave Electronic Speed Control
Electronics for infinitely variable speed change. Speed remains constant under load.

Long Life Motor
Special winding protection grid makes it extremely resistant to destructive grinding dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads.

metabo Inox

Fillet Weld Grinder

KNSE12-150

The fillet weld grinder is specially suited for finishing weld seams in difficult to reach places, e.g. within banister rails, inside corners or square sections. Thanks to its flat aluminum extension arm, it reaches into restricted areas with particularly tight angles. Double gear reduction ensures you always have optimum material removal capability at hand. Its stainless steel flange and aluminum arm guarantees that the stainless steel being worked stays stainless, preventing cross-contamination.

FEATURES

- Ideal for processing hard to access welding seams, e.g. at handrails
- Flat and long reach design
- Especially high cutting output due to double gear reduction
- Robust, Long Life Motor
- Vario-Tacho-Constamatic (VTC) full-wave electronics for infinitely variable speed change. Speed automatically remains constant under load
- Electronic soft start
- Power Interruption Protection: Prevents unintentional start of the tool

Specifications:	
Rated input power	1200 W / 10A
Output power	720 W
No-load speed (RPM)	1,300–4,000 /min
Disc diameter (maximum)	6"
Arbor size	1"
Tool weight	7.75 lbs.

Standard equipment:
Guard, Backing flange, Clamping nut, Side handle
Double-ended wrench, Hexagon spanner
Fleece compact disc (6" x 1/4" x 1", medium)
Steel carrying case

Order number 602133620

ACCESS HARD TO REACH ANGLES AND WELD SEAMS:

Order number 602133620

Compressed non-woven nylon discs - VKS

- Made of compressed nylon on a fiberglass disc
- For cleaning and polishing surfaces, for smoothing weld seams; reduces the number of working stages required
- For alloy and high-alloy steels, colored and light metals, chrome and nickle steels, titanium, stainless steels

Dimensions inches	Grit	Pcs/Pkg	Order no.
6" x 1/8" x 1"	Medium	1	626400000
6" x 1/4" x 1"	Very fine	1	626401000
6" x 1/4" x 1"	Medium	1	626402000

Felt disc

- For polishing stainless steel and non-ferrous metals, always in conjunction with a polishing paste

Dimensions inches	Grit	Pcs/Pkg	Order no.
6" x 3/16" x 1"	Soft	1	626395000

Sandpaper strips for the profiling file

- Cling-fit

Dimensions inches	Grit	Pcs/Pkg	Order no.
1-3/16" x 7-1/2"	P 24	25	626397000

Profiling file

- For profiling of the fleece compact disc - VKS
- Incl. 2 sanding paper strips P24

626396000

Micro fiber cloth

3 micro-fiber cloths
- For cleaning and evenly distributing protective media and polishes, for removing pastes and cream residue
- Suitable for all metals and hard plastics

626398000

Spray for stainless steel care

- For cleaning and preserving
- Contents 400 ml

626377000

Long Life Motor
Special winding protection grid makes it extremely resistant to destructive grinding dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads.

File head can swivel 270°
For a clean finish even in hard to reach locations.

Vario Constamatic (VC) Full-wave Electronic Speed Control
Electronics for infinitely variable speed change. Speed remains nearly constant under load.

metabo inox

Band File

BFE9-90

You can swivel the grinding arm of the band file by up to 270° to quickly and effectively finish weld seams, wood or metal in hard to reach areas. The sleek motor casing makes handling easy since no tools are required to change sanding belts.

FEATURES

- For grinding metal, wood and other materials in places that are difficult to access
- Tool-less sanding belt exchange
- Grinding arm can be swiveled by 270° for a clean finish even in angled places
- Robust, Long Life Motor
- Slim motor housing for ideal handling
- Vario-Constamatic (VC) full-wave electronics
  The speed can be varied from the lowest speed value to the maximum. The speed remains constant under load for fast finishing

Specifications:	
Rated input power	900 W / 8.5A
Output power	510 W
No-load belt speed	750-1,770 ft/min
Width of sanding belts	1/4", 1/2", 3/4"
Sanding belt roll	18"
Useful length of grinding belt arm	3-1/2"
Tool weight	5.5 lbs.

Standard equipment:
Grinding arm - 626379000 (for belt widths of 1/4" and 1/2")
10 zirconia alumina sanding belts
(P 120, 1/4" in width)
Hexagonal spanner wrench
Steel carrying case

Order number 602134620

Aluminum oxide sanding belts

- Suitable for use on metals or wood
- Good removal rate with good belt life
- Consistent results

Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
P 40	10	626326000	626332000	626338000
P 60	10	626327000	626333000	626339000
P 80	10	626328000	626334000	626340000
P 120	10	626329000	626335000	626341000
P 240	10		626337000	

Zirconia alumina sanding belts

- For all metal uses, particularly suited to the processing of steel/stainless steel
- Excellent removal rate and long belt life
- For rough finishing and deburring

Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
P 40	10	626344000	626348000	626352000
P 60	10	626345000	626349000	626353000
P 80	10	626346000	626350000	626354000
P 120	10	626347000	626351000	626355000

Ceramic grain sanding belts

- For all metal uses, particularly suited to the processing of steel/stainless steel
- Extremely high removal rate with excellent belt life due to self sharpening ceramic grains
- For rough and medium finishing and deburring

Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
P 40	10	626356000	626360000	626364000
P 60	10	626357000	626361000	626365000
P 80	10	626358000	626362000	626366000
P 120	10	626359000	626363000	626367000

Non-woven nylon web bands

- For grinding, cleaning and finishing work For removing scratches, color runs and oxide layers
- For preparing, pre-grinding and polishing weld seams

Grit	Pcs/Pkg	Order no. 1/4 x 18	Order no. 1/2 x 18	Order no. 3/4 x 18
Coarse	5	626383000	626387000	626391000
Medium	5	626384000	626388000	626392000
Very fine	5	626386000	626390000	626394000

Order no.

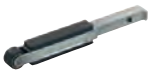
Sanding belt arms

- Suitable for sanding belts 1/4 x 18 in. and 1/2 x 18 in.
- For sanding narrow areas, weld seams, deburring edges
- Work on flat for curved surfaces

626379000

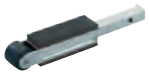
- Suitable for sanding belts 1/4 x 18 in.
- For sanding narrow areas, edges, deburring pipe and tube
- Work on flat surfaces

626380000



- Suitable for sanding belts 1/2 x 18 in.
- For sanding edges, deburring pipes, sanding welds
- Work on flat surfaces

626381000



- Suitable for sanding belts 3/4 x 18 in.
- For grinding edges and surfaces
- Work on flat surfaces

626382000

Order no.

Micro fiber cloth

3 micro-fiber cloths
- For cleaning and evenly distributing protective media and polishes
- For removing pastes and cream residue
- Suitable for all metals and hard plastics

626398000

Spray for stainless steel care

- For cleaning and preserving
- Contents 400 ml

626377000

Extreme torque motor
For heavy duty polishing applications.

Ergonomic front grip
For reduced fatigue, increased comfort and excellent control.

Vario Tacho Constamatic (VTC) Full-wave Electronic Speed Control
Electronics for infinitely variable speed change. Speed remains constant under load.

metabo Inox

Compact Variable Speed Angle Polisher

PE12-175

Whether you're making a high-gloss finish on stainless steel or applying polishing paste, the Metabo angle polisher meets any professional challenge. Its Vario Tacho Constamatic (VTC) full-wave electronics ensures a constant speed - even under extreme load, providing smooth consistent performance, expert control and the fastest finish.

FEATURES

- Polisher for continuous professional operation
- Top cutting performance due to double gear reduction
- Ergonomic front handle for optimum tool control in continuous operation
- Small and compact like a small angle grinder
- Heavy-duty die-cast aluminum gear housing
- Vario-Tacho-Constamatic (VTC) full-wave electronics for infinitely variable speed change. Speed automatically remains constant under load
- Electronic soft start
- Power Interruption Protection: Prevents unintentional start of the tool

Specifications:	
Torque	124 in/lbs.
For backing pad up to max.	7"
No-load speed (RPM)	700 – 2,200 /min
Rated input power	1200 W / 10A
Output power	680 W
Speed at rated load	2,200 /min
Spindle thread	5/8"-11
Tool weight	5.9 lbs.

Standard equipment:
Hand guard
Side handle
Spindle extension
Spanner wrench

Order number 602175420

POWERFUL, YET COMPACT.

Order number 602175420

FOR POLISHING

Hook and loop backing pads

- Velcro-faced, for attaching polishing and sanding accessories

Diameter in.	Pcs/Pkg	Order no.
5" Soft backing pad	1	655141000
5" Medium backing pad	1	655129000
5" Hard backing pad	1	623298000
7" Hard backing pad	1	655143000

5" Hook and loop backed accessories

	Diameter inches	Description	Pcs/Pkg	Order no.
	5"	Cling-fit intermediate disc for uneven surfaces	1	631216000
	5"	Polishing sponge	1	631222000
	5"	Lambs wool buff	1	631223000
	5"	Non-woven abrasives disc - Medium - A100	1	631238000
	5"	Non-woven abrasives disc - Fine - A280	1	631239000

Hook and loop polishing felt and paste

	Diameter inches	Description	Pcs/ Pkg	Order no.
	5"	Hard felt polishing disc	1	631242000
	7"	Hard felt polishing disc	1	624919000
	n/a	Polishing paste stick - white	1	623520000
	5"	Soft "final" felt polishing disc	1	624964000
	7"	Soft "final" felt polishing disc	1	624966000
	n/a	"Final" polishing paste stick - blue	1	623524000

Automotive / painted surfaces

	Diameter inches	Description	Pcs/ Pkg	Order no.
	7"	Lambs wool bonnet	1	655131000
	7"	Hard backing pad for bonnet	1	655130 000

Long Life Motor
Special winding protection grid makes it extremely resistant to destructive grinding dust. The epoxy resin powder coating on the field coil helps prevent overheating of the motor under heavy loads.

Spindle lock
For easy tool change.

Vario Constamatic (VC) Full-wave Electronic Speed Control
The speed can be varied from the lowest speed value to the maximum. The speed remains constant under moderate load and drops under heavy load.

Hardened and ground collet.
Hardened and ground collet chuck for precise concentricity of tools.

metabo Inox

2,500-6,000 RPM High Torque Die Grinder - GE900 PLUS
7,000-27,000 Compact RPM High Speed Die Grinder - GE700

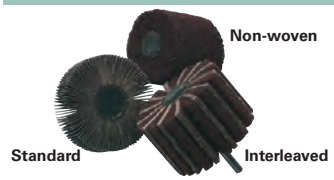
Thanks to their design, these die grinders are the perfect tools for processing hard to reach areas. With their narrow profiles and an extensive range of accessories you can finish interior and exterior surfaces quickly and comfortably. The Long Life Motor has the power to deliver high torque with speeds of up to 6,000 rpm (GE900 Plus) or high speeds up to 27,000 rpm (GE700). Ideal for use with flap wheels and burs, and equipped with a hardened and ground collet, these tools run smoothly and accurately even in the toughest applications.

FEATURES

- The specialists: handy grinder with especially high torque; ideal for grinding inner and outer surfaces in combination with flap wheels, wire brushes or carbide burs.
- Hardened and ground collect chuck for precise concentricity of tools
- Robust Long Life Motor for extra long service life
- Vario-Constamatic (VC) full-wave electronics
  The speed can be varied from the lowest speed value to the maximum. The speed remains constant under moderate load and drops under heavy load
- Spindle lock
- Robust aluminum die cast bearing flange
- Ergonomic shape for reduced fatigue

Specifications:	GE700 Order# 606303420	GE900 Plus Order# 606305420	Standard equipment
No-load speed (RPM)	7,000–27,000 /min	2,500–6,000 /min	Handle (GE900 Plus only)
Rated input power	710W / 6.2A	900 W / 7.5A	1 19mm collet wrench
Output power	500 W	500 W	1/4" collet (631949000)
Speed at rated load (max)	20,000 /min	5,000 /min	
Collet size	1/4"	1/4"	
Tool weight	4.6 lbs.	5.3 lbs.	

Flap Wheels - mounted style - 1/4 shank



Size inches	Spec.	Application	Max. RPM	Pcs/ Pkg	Order no.
Standard - Aluminum oxide on resin fiber backing provides excellent stock removal on contoured shapes and in confined areas.					
1 x 1	A 60	Steel / Stainless Steel	30,000	10	655368000
1 x 1	A 80	Steel / Stainless Steel	30,000	10	655369000
1 x 1	A 120	Steel / Stainless Steel	30,000	10	655370000
1-1/2 x 1	A 60	Steel / Stainless Steel	25,000	10	655371000
1-1/2 x 1	A 80	Steel / Stainless Steel	25,000	10	655372000
1-1/2 x 1	A 120	Steel / Stainless Steel	25,000	10	655373000
2 x 1	A 60	Steel / Stainless Steel	25,000	10	655374000
2 x 1	A 80	Steel / Stainless Steel	25,000	10	655375000
2 x 1	A 120	Steel / Stainless Steel	25,000	10	655376000
3 x 1	A 60	Steel / Stainless Steel	20,000	10	655377000
3 x 1	A 80	Steel / Stainless Steel	20,000	10	655378000
3 x 1	A 120	Steel / Stainless Steel	20,000	10	655379000
Interleaved - Aluminum oxide flaps are interleaved with strips of non-woven abrasive material to provide a brushed satin finish.					
3 x 1	A 80	Steel / Stainless Steel	18,000	5	655390000
3 x 1	A 120	Steel / Stainless Steel	18,000	5	655391000
3 x 1	A 180	Steel / Stainless Steel	18,000	5	655392000
3 x 2	A 80	Steel / Stainless Steel	6,000	5	655393000
3 x 2	A 120	Steel / Stainless Steel	6,000	5	655394000
3 x 2	A 180	Steel / Stainless Steel	6,000	5	655395000
Non-Woven - Aluminum oxide is bonded to a non-woven fabric to provide a excellent wheel for general deburring and contour surface finishing.					
2-3/8 x 1	Fine	Steel / Stainless Steel	10,000	5	655380000
2-3/8 x 1	Medium	Steel / Stainless Steel	10,000	5	655381000
2-3/8 x 2	Fine	Steel / Stainless Steel	8,000	5	655382000
2-3/8 x 2	Medium	Steel / Stainless Steel	8,000	5	655383000
3 x 1	Fine	Steel / Stainless Steel	8,000	5	655384000
3 x 1	Medium	Steel / Stainless Steel	8,000	5	655385000
3 x 2	Fine	Steel / Stainless Steel	6,000	5	655386000
3 x 2	Medium	Steel / Stainless Steel	6,000	5	655387000

Flex shaft

- Use on GE700 die grinders only
- 4 ft. long, heavy-duty rubber covered flex shaft for use with die grinder
- Speed range 7,500 to 30,000 RPM (not for use on tools running less than 7,500 RPM)

630980420

Carbide Burs - double cut

Cutter Dia.	Cutter Length	Shank Dia.	Spec.	Application	Pcs/ Pkg	Order no.
Double cut solid carbide burs designed to remove metal faster with more control, smaller chips and provides a smoother finish. Each of these double cut burs is individually packaged in a plastic tube.						
1/4"	5/8"	1/4"	SA-1	Steel / Stainless Steel	1	656750000
3/8"	3/4"	1/4"	SA-3	Steel / Stainless Steel	1	656751000
1/4"	5/8"	1/4"	SC-1	Steel / Stainless Steel	1	656752000
3/8"	3/4"	1/4"	SC-3	Steel / Stainless Steel	1	656753000
1/2"	1"	1/4"	SC-5	Steel / Stainless Steel	1	656754000
1/2"	7/16"	1/4"	SD-5	Steel / Stainless Steel	1	656755000
1/4"	3/4"	1/4"	SF-1	Steel / Stainless Steel	1	656756000
3/8"	3/4"	1/4"	SF-3	Steel / Stainless Steel	1	656757000
1/2"	1"	1/4"	SF-5	Steel / Stainless Steel	1	656758000
3/8"	1-1/16"	1/4"	SL-3	Steel / Stainless Steel	1	656759000

Collets for die grinders (G500, GE700, GE900 Plus)

	Dimensions inches	Pkg	Order no.
	Collet size 1/4"	1	631949000
	Collet size 1/8"	1	631948000

Order no.

Die Grinder cut-off wheel guard

- Use on GE700 and GE900 Plus die grinders

655169000

Wire end brushes-1/4" stem

Dia.	Wire	Max RPM	Pkg	Order no.
1"	0.020 carbon stl crimped	22,000	Carded	655212000
1"	0.020 carbon stl knotted	22,000	Carded	655213000
1"	0.020 stainless stl crimped	22,000	Carded	655219000

Crimped wire wheel-1/4" stem

Dia.	Wire	Max RPM	Pkg	Order no.
3"	0.014 carbon stl crimped	20,000	Carded	655214000
3"	0.014 stainless stl crimped	20,000	Carded	655222000

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